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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A [[S]]system for networking aeronautical equipment on board an aircraft characterized in that -it comprises comprising, for each equipment item, an object-oriented interface (1, 2; 3, 4) with object aspect means (1, 3), enabling it to recognize the onboard equipment to which it is assigned [[,]] as an object [[,]] ~~in the object oriented programming sense~~, capable of communicating with other objects ~~in the object oriented programming sense~~ according to an object-oriented client/server model and with observer means (2, 4) recording the events resulting from operation of the equipment.

2. (currently amended): The [[S]]system according to Claim 1, characterized in that wherein, said [[an]] object-oriented interface (1, 2; 3, 4) comprises an object aspect (1, 3) provided with subscription-based communication services.

3. (currently amended): The [[S]]system according to Claim 1, characterized in that wherein, said object-oriented interfaces (1, 2; 3, 4; 52, 53) comply with a multi-vendor distributed applications protocol.

4. (currently amended): The [[S]]system according to Claim 1, characterized in that wherein, said [[the]] object-oriented interfaces (1, 2; 3, 4; 52, 53) comply with the CORBA standard devised by the [["]]Object Management Group["]].

5. (currently amended): The [[S]]system according to Claim 1, characterized in that the wherein said object-oriented interfaces (1, 2; 3, 4; 52, 53) comply with the Java Remote Method Invocation protocol ~~devised by Sun Microsystems, Java being a registered trademark of the latter company.~~

6. (currently amended): The [[S]]system according to Claim 1, characterized in that the wherein said object-oriented interfaces (1, 2; 3, 4; 52, 53) comply with the Simple Object Access Protocol devised by the [["]]World Wide Web Consortium[["]].

7. (currently amended): The [[S]]system according to Claim 1, characterized in that the wherein said object-oriented interfaces (1, 2; 3, 4) intercommunicate via an object ~~in the object-oriented programming sense~~, called an adapter object (9, 9'), provided with means of adapting the format of the messages and events generated by the object-oriented interfaces so that they can be understood by the recipient object-oriented interface.

8. (currently amended): The [[S]]system according to Claim 7, characterized in that wherein it includes a configuration object (15, 15') recognizing all the objects, ~~in the object-oriented programming sense~~, of the network and all the services, and handling the creation of the adapter objects (9, 9').

9. (currently amended): The [[S]]system according to Claim 7, characterized in that wherein an adapter object (9, 9') complies with the CORBA standard devised by the [["]]Object Management Group[["]].

10. (currently amended): The [[S]]system according to Claim 7, characterized in that wherein an adapter object (9, 9') complies with the Java Remote Method Invocation protocol, ~~devised by Sun Microsystems, Java being a registered trademark of the latter company.~~

11. (currently amended): The [[S]]ystem according to Claim 7, characterized in that wherein an adapter object (9, 9') complies with the Simple Object Access Protocol devised by the [["]]World Wide Web Consortium["]].

12. (currently amended): The [[S]]ystem according to Claim 1, used in an avionics system comprising a dedicated aeronautical bus [[(51)]], characterized in that the wherein said object-oriented interfaces (52, 53) are connected to their assigned equipment items via the dedicated aeronautical bus [[(51)]].

13. (currently amended): The [[S]]ystem according to Claim 1, used in an avionics system comprising a dedicated aeronautical bus [[(51)]], characterized in that the wherein object-oriented interfaces (1, 2; 52, 53) intercommunicate via the dedicated aeronautical bus (51).

14. (currently amended): The [[S]]ystem according to Claim 1, characterized in that wherein one of the aeronautical equipment items is an air traffic collision avoidance system TCAS and another aeronautical equipment item is a flight computer FMS.